

17681 U.S.PTO
121103

Atty. Docket No.: 18396/2002B PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Sale et al
Serial No.: Not Yet Assigned
Filed: December 11, 2003
Entitled: Method for Generating Diversity

Examiner: Not Yet Assigned
Group Art Unit: Not Yet Assigned
Conf. No.: Not Yet Assigned

16884 U.S.PTO
10/733532
121103

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. EL932931210US on this date, December 11, 2003, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen Williams

Name of Person Mailing Paper

Kathleen Williams

Signature of Person Mailing Paper

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. New Patent Application Transmittal;
2. Patent Application, (67 pages);
3. 34 sheets of informal drawings of Figs 1-26;
4. Application Data Sheet;
5. Information Disclosure Statement;
6. Form PTO 1449 and copies of cited references;
7. Preliminary Amendment;
8. Check in the amount of \$563.00 for the requisite filing fee; and
9. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 18396/2002B.
A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Kathleen Williams

Name: Kathleen Williams
Registration No.: 34,380
Customer No.: 29933
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613

Date: December 11, 2003

NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

121103
17681

Atty. Docket No.: 18396/2002B

U.S. PTO

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. EL932931210US on this date, December 11, 2003, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen Williams

Name of Person Mailing Paper

*Kathleen**Williams*

Signature of Person Mailing Paper

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Enclosed herewith is a new patent application of:

First Named Inventor (or application identifier): Sale et al

Title of Invention: Method for Generating Diversity

- Type: New
 Continuation of: PCT/GB02/02688
 Continuation-in-Part of: _____
 Divisional of: _____
 which is hereby incorporated by reference in its entirety into the application filed herewith;

and includes the following papers:

1. Specification 67 pages (including specification, claims, abstract)/31 claims (4 independent)
2. Declaration/Power of Attorney is:

| | | |
|---|-------------------------------------|--|
| <input type="checkbox"/> Executed | <input type="checkbox"/> Unexecuted | <input type="checkbox"/> Executed copy from Parent Application |
| <input checked="" type="checkbox"/> NOT included, but deferred under 37 C.F.R. § 1.53(f). | | |
3. 34 Distinct sheets of Formal Informal Drawings
4. Application Data Sheet
5. Preliminary Amendment.
6. Information Disclosure Statement

| | |
|------------------------------------|---|
| <input type="checkbox"/> Form 1449 | <input checked="" type="checkbox"/> A copy of each cited prior art reference (as necessary) |
|------------------------------------|---|
7. Assignment with Recordation Cover Sheet.
8. Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

| Country | Application Number | Date of Filing (day, month, year) |
|---------|--------------------|-----------------------------------|
| | | |

9. Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

| Application Number | Date of Filing (day, month, year) |
|--------------------|-----------------------------------|
| 09/879,813 | 11 June 2001 |
| 10/146,505 | 15 May 2002 |
| PCT/GB02/02688 | 11 June 2002 |

10. Priority is hereby claimed under 35 U.S.C. § 121 based upon the following application(s):

NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 18396/2002B

| Application Number | Date of Filing (day, month, year) |
|--------------------|-----------------------------------|
| | |

The above applications from which priority is claimed are hereby incorporated in their entirety into the application filed herewith.

11. Priority document(s).
12. Microfiche Computer Program (Appendix).
13. Nucleotide and/or Amino Acid Sequence Submission.
 - Computer Readable Copy.
 - Paper Copy (identical to computer copy).
 - Statement verifying identity of above copies.
14. Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)
15. Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.
16. Calculation of Fees:

| FEES FOR | TOTAL CLAIMS | EXCESS CLAIMS | FEE | AMOUNT DUE |
|--|--------------|---------------|------------------|-----------------|
| Basic Filing Fee (37 C.F.R. § 1.16(a)) | | | | \$770.00 |
| Total Claims in Excess of 20 (37 C.F.R. § 1.16(c)) | 35 | 15 | \$18.00 | \$270.00 |
| Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b)) | 4 | 1 | \$86.00 | \$86.00 |
| Multiple Dependent Claims (37 C.F.R. § 1.16(d)) | | No | \$290.00 | \$1126.00 |
| Subtotal - Filing Fee Due | | | | \$1126.00 |
| Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28) | | | MULTIPLY BY 0.50 | \$563.00 |
| TOTAL FILING FEE DUE | | | | \$563.00 |
| Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h)) | 0 | | \$40.00 | |
| GRAND TOTAL DUE | | | | \$563.00 |

17. PAYMENT is:
 - included in the amount of \$563.00 by our enclosed check. The Commissioner is hereby authorized to charge any deficiencies in the fees to Deposit Account 16-0085, Ref. 18396/2002B.
 - not included, but deferred under 37 C.F.R. § 1.53(f).
18. All correspondence for the attached application should be directed to:

Kathleen Williams
Customer Number 29933
111 Huntington Avenue
Boston, MA 02199-7613

19. Other: _____

Respectfully submitted,

Date: December 11, 2003

By:


Name: Kathleen Williams
Registration No.: 34,380